

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	325	(65/412).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/15 14:05
S2	400	(65/108).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/15 14:05
S3	721	((65/412) or (65/108)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/15 14:05
S4	4	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/15 14:06
S5	56418	("65").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/15 17:28
S6	16	S5 and (bead near ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/15 17:28
S7	2	"6460378".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 13:06

S8	2	"6584808".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 13:07
S9	14	"1129999"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 13:08
S10	278	(65/407).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 10:50
S11	347	(65/112).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 14:03
S12	261	(65/dig.9).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 14:17
S13	2	("20010036339").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 10:17
S14	13	("3684474").PN. OR ("4589897").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 11:08
S15	13	("2103585" "2722086" "3212870" "4157909" "4324447" "4426602").PN. OR ("4842635").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 11:13
S16	2	"20020148257".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/27 15:30

S17	4	((("5221306") or ("5578106")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 16:04
S18	355	(ganz-oliver or sowa-rene or bauer-peter or cibus-norbert or sattmann-ralph or vydra-jan or schmitt-clemens).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/27 16:18
S19	90	S18 and glass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/27 16:19
S20	2	"20010007197".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/27 16:41
S21	39	(US-20040031290-\$ or US-20060174659-\$ or US-20050223748-\$ or US-20050204780-\$ or US-20040144133-\$ or US-20040114886-\$ or US-20020048437-\$ or US-20010047668-\$ or US-20010036339-\$ or US-20020148257-\$ or US-20010007197-\$).did. or (US-4812154-\$ or US-6536239-\$ or US-6460378-\$ or US-6584808-\$ or US-6779362-\$ or US-4810277-\$ or US-4666234-\$ or US-4557557-\$ or US-4078910-\$ or US-4842635-\$ or US-4834637-\$ or US-4820321-\$ or US-4589897-\$ or US-3923487-\$ or US-6766662-\$ or US-4157909-\$ or US-3884666-\$ or US-6341503-\$ or US-6560995-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/21 13:37

		5578106-\$ or US-5221306-\$).did. or (US-3539322-\$ or US-3589884-\$ or US-2579108-\$).did. or (EP-1129999-\$ or EP-321947-\$).did. or (JP-60079310-\$ or JP-04119932-\$).did.				
S22	15	S21 and (machin\$4 or grind\$4 or polish\$4 or abrad\$4 or roughen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 13:38
S23	16	S21 and (machin\$4 or grind\$4 or polish\$4 or abrad\$4 or roughen\$4 or blast\$4 or drill\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 13:41
S24	281	(65/407).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 14:23
S25	173	(65/433).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 14:26
S26	9420	(65/376-482).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 14:35
S27	413	S26 and ((machin\$4 or grind\$4 or polish\$4 or abrad\$4 or roughen\$4 or blast\$4 or drill\$4) with (tube or cylinder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 14:36
S28	73	S26 and ((machin\$4 or grind\$4 or polish\$4 or abrad\$4 or roughen\$4 or blast\$4 or drill\$4) with (tube or cylinder) with (inner or bore))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 14:37

S29	3	"7028508"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 14:41
S30	15	("20040206128" "20050204780" "4195980" "4812154" "6460378" "6584808" "7028508").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/21 14:44
S31	9	("2711055" "4372773" "4822389" "5152816" "6499886" "6511843").PN. OR ("6766662").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/21 15:47
S34	87	(65/439).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/22 11:48

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	592	((cylinder or tube) and optic\$4 and fiber and (constrict \$5 or narrow\$4 or collar\$4 or restrict \$4 or stricture)). clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/22 14:21
L2	5	((cylinder or tube) and optic\$4 and fiber and (constrict \$5 or narrow\$4 or collar\$4 or restrict \$4 or stricture) and ((machin\$4 or grind \$4 or polish\$4 or abrad\$4 or roughen \$4 or blast\$4 or drill \$4) with (tube or cylinder) with (inner or bore))).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/22 14:21

S32	206	ganz-oliver\$.in. or sowa-rene\$.in. or bauer-peter\$.in. or cibis-norbert\$.in. or sattmann-ralph\$.in. or vydra-jan\$.in. or schmitt-clemens\$. in.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/21 15:13
S33	40	S32 and optic\$3	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/21 15:14
S35	59369	(cylinder or tube) and optic\$4 and fiber and (constrict \$5 or narrow\$4 or collar\$4 or restrict \$4 or stricture)	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/22 11:34
S36	379	(cylinder or tube) and optic\$4 and fiber and (constrict \$5 or narrow\$4 or collar\$4 or restrict \$4 or stricture) and ((machin\$4 or grind \$4 or polish\$4 or abrad\$4 or roughen \$4 or blast\$4 or drill \$4) with (tube or cylinder) with (inner or bore))	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/22 11:35
S37	150	(cylinder or tube) and rod and optic\$4 and fiber and (constrict\$5 or narrow\$4 or collar \$4 or restrict\$4 or stricture) and ((machin\$4 or grind \$4 or polish\$4 or abrad\$4 or roughen \$4 or blast\$4 or drill \$4) with (tube or cylin3der) with (inner or bore))	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/22 11:37

S38	94	(cylinder or tube) and rod and optic\$4 and fiber and (constrict\$5 or narrow\$4 or collar\$4 or restrict\$4 or stricture) and ((machin\$4 or grind\$4 or polish\$4 or abrad\$4 or roughen\$4 or blast\$4 or drill\$4) with (tube or cylin3der) with (inner or bore)) and quartz	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/22 11:38
S39	94	(cylinder or tube) and rod and optic\$4 and fiber and (constrict\$5 or narrow\$4 or collar\$4 or restrict\$4 or stricture) and ((machin\$4 or grind\$4 or polish\$4 or abrad\$4 or roughen\$4 or blast\$4 or drill\$4) with (tube or cylin3der) with (inner or bore)) and quartz and draw\$4	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/22 11:38
S40	56	S37 not S38	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/22 11:45

10/ 22/ 2009 2:22:03 PM

C:\ Documents and Settings\ esnelting\ My Documents\ EAST\ Workspaces\ 10565134.wsp